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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,169	09/10/2003	Lin Wang	CL1518 US CNT	3752
23906	7590	03/06/2006	EXAMINER	
E I DU PONT DE NEMOURS AND COMPANY LEGAL PATENT RECORDS CENTER BARLEY MILL PLAZA 25/1128 4417 LANCASTER PIKE WILMINGTON, DE 19805			RABAGO, ROBERTO	
			ART UNIT	PAPER NUMBER
			1713	
DATE MAILED: 03/06/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/659,169	WANG ET AL.
Examiner	Art Unit	
Roberto Rábago	1713	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 21 December 2005.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 26-28,30-33 and 35-39 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 26-28,30-33 and 35-39 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date .
4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ .
5) Notice of Informal Patent Application (PTO-152)
6) Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. Claims 26, 28, 30, 35, 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Chien (US 6,177,377).

Examples 55 and 56 disclose making a homopolymer/copolymer blend using two metallocene catalysts, including all claimed limitations.

Claim Rejections - 35 USC § 103

2. Claims 27, 31, 32, 33, 37, 38 and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chien (US 6,177,377).

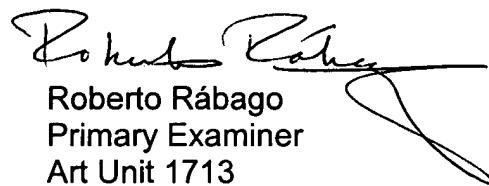
Regarding claims 27 and 39, Examples 55 and 56 disclose making a homopolymer/copolymer blend using two metallocene catalysts and either butene or hexene as comonomer, but do not disclose butene and hexene together in one example, nor do they include an odd monomer such as propylene. However, the reference states at col. 11, lines 12-20, that the method of using two metallocenes to make “one-pot” blends of ethylene homopolymer and copolymer using two metallocenes is useful for the making of terpolymers. Therefore, one of ordinary skill in the art would be motivated to make terpolymers from at least the simplest comonomers recommended and exemplified, such as ethylene-propylene-butene, ethylene-propylene-hexene, ethylene-butene-hexene, or ethylene-butene-octene.

Regarding claims 31-33, 37 and 38, the reference is primarily directed toward the description of using specific metallocene catalyst combinations to provide chemical control over the polymerization process, for the purpose of making effective blends of dissimilar polymers. The reference has not provided supplemental description of the various well-established modes of operating a polymerization reactor. However, the use of gas-phase conditions and catalysts disposed on supports are so conventional in the art that no supplemental reference need be cited. Those of ordinary skill in the art are well aware of the various benefits of using supported catalyst in the gas phase, such as improved catalytic efficiency, improved polymer particle morphology and bulk density, etc., and would be motivated to use these alternative embodiments to capture such benefits.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roberto Rábago whose telephone number is (571) 272-1109. The examiner can normally be reached on Monday - Friday from 8:00 - 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Roberto Rábago
Primary Examiner
Art Unit 1713

RR
March 2, 2006